

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1-11. (canceled)

12. (currently amended) In a voice response system having a telephone interface ~~and a recognition grammar for recognizing a set of spoken utterances in which each spoken utterance of the set has an associated alphanumeric string identifier~~, a method of interpreting input comprising:

receiving a dual tone multi-frequency (DTMF) key sequence over the telephone interface;

determining a constrained recognition grammar to recognize a ~~subset~~ set of ~~spoken~~ utterances, wherein ~~the subset comprises each spoken utterance of the set that has an associated alphanumeric string identifier that maps to a DTMF sequence that is equivalent to the DTMF key sequence;~~

playing ~~the subset of spoken utterances~~ a first audio message over the telephone ~~input interface~~ to solicit a voice input, the first audio message comprising the set of utterances;

in response to receiving the voice input over the telephone interface, processing the voice input ~~against~~ using the constrained recognition grammar to determine a matching element of the ~~subset~~ set; and

playing ~~an~~ a second audio message corresponding to the matching element.

13. (new) The method of claim 12, further comprising:

determining an order associated with the set of utterances based on a weighting factor.

14. (new) The method of claim 13, wherein playing the first audio message comprises:

playing the set of utterances based on the determined order.

15. (new) The method of claim 13, wherein the weighting factor comprises a probability or likelihood that an utterance will be selected.

16. (new) The method of claim 13, wherein the weighting factor comprises access frequency associated with each of the set of utterances.

17. (new) The method of claim 12, further comprising:
identifying at least one alphanumeric character for each single DTMF input in the DTMF key sequence.

18. (new) The method of claim 12, wherein the constrained recognition grammar is constrained to recognize at least one or more words associated with each utterance.

19. (new) The method of claim 12, wherein the processing the voice input using the constrained recognition grammar to determine a matching element of the set comprises:

favoring a more frequently selected element of the set over less frequently selected elements of the set when determining the matching element.

20. (new) The method of claim 12, wherein the DTMF key sequence represents a stock ticker symbol or a company name.

21. (new) A system, comprising:

means for receiving input from a caller, the input corresponding to input from a keypad;

means for identifying at least one match corresponding to the input;

means for identifying at least one grammar associated with the at least one match;

means for playing the at least one match to the caller;

means for receiving a voice input from the caller;

means for processing the voice input using the at least one grammar to identify a first one of the at least one match; and

means for playing an audio message corresponding to the first match.

22. The system of claim 21, wherein the means for identifying a plurality of matches comprises:

means for identifying at least one alphanumeric character for each single entry made by the caller via the keypad.

23. (new) The system of claim 21, wherein the means for identifying at least one grammar comprises:

means for identifying a first grammar constrained to identify words associated with the at least one match.

24. (new) The system of claim 23, wherein the at least one match comprise a plurality of matches and the means for processing the voice input comprises:

means for favoring a more frequently selected one of the plurality of matches.

25. (new) A system, comprising:

a voice portal configured to:

receive input from a caller using a keypad,

identify a plurality of matches corresponding to the input,

identify at least one grammar associated with the plurality of matches,

play a first audio message to the caller, the first audio message comprising at least one of the plurality of matches,

receive a voice input from the caller, and

identify a first one of the plurality of matches based on the voice input using the at least one grammar.

26. (new) The system of claim 25, wherein the voice portal is further configured to:

play a second audio message to the caller, the second audio message being associated with the first match.

27. (new) The system of claim 25, wherein the voice portal is further configured to:

determine an order associated with the plurality of matches based on a weighting factor.

28. (new) The system of claim 27, wherein when playing the first audio message, the voice portal is configured to:

provide the plurality of matches to the caller in the determined order.

29. (new) The system of claim 27, wherein the weighting factor comprises:
at least one of a likelihood that one of the plurality of matches will be selected or an
access frequency associated with one of the plurality of matches.

30. (new) The system of claim 25, wherein the voice portal is further configured to:
identify at least one alphanumeric character for each single keypad input selected by the
caller.

31. (new) The system of claim 25, wherein when identifying at least one grammar, the voice
portal is configured to:
identify a grammar tailored to recognize words associated with the plurality of matches.

32. (new) The system of claim 31, wherein when identifying a first one of the plurality of
matches, the voice portal is configured to:
favor a more commonly selected one of the plurality of matches over less commonly selected
matches.

33. (new) The system of claim 25, wherein the input from the caller using a keypad
comprises dual tone multi-frequency (DTMF) input.

34. (new) The system of claim 33, wherein the DTMF input represents a stock ticker symbol
or a company name.

35. (new) A method, comprising:

- receiving input from a caller using a keypad;
- identifying a plurality of matches corresponding to the input;
- identifying at least one grammar tailored to recognize words associated with the plurality of matches;
- playing an audio message to the caller, the audio message comprising at least one of the plurality of matches;
- receiving a voice input from the caller;
- identifying a first one of the plurality of matches based on the voice input using the at least one grammar; and
- providing information associated with the first match to the caller.

36. (new) The method of claim 35, wherein the audio message comprises the plurality of matches, the method further comprising:

- ordering the plurality of matches provided to the caller based on a weighting factor associated with the plurality of matches.